



IFW  
PATENT  
5760-18900

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Ranade, et al.

Serial No. 10/749,267

Filed: December 31, 2003

For: Replica Pre-allocation for a  
Distributed File Sharing System

§ Group Art Unit: 2141

§ Examiner: Unknown

§ Atty. Dkt. No. 5760-18900

§ I hereby certify that this correspondence is being deposited  
§ with the U.S. Postal Service as First Class Mail in an envelope  
§ addressed to: Commissioner for Patents, P.O. Box 1450,  
§ Alexandria, VA 22313-1450, on the date indicated below:

§ B. Noel Kivlin  
§ Registered Representative

§ 8-18-05

§ Date

§ Signature

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☐ the additional information identified below in paragraph 3.

- ☒ Pursuant to CFR §1.98(a)(2)(i), copies of the cited U.S. patents and/or U.S. patent application publications are not enclosed.
- ☒ A copy of each non-U.S. patent and/or non-U.S. patent application publication reference listed on the Form PTO-1449 is enclosed.
- ☐ The non-U.S. patent and/or non-U.S. patent application publication references listed on the Form PTO-1449 were previously cited in application serial no. \_\_\_\_\_ to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- ☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;

- ☒ before the mailing date of a first Office Action on the merits; or  
☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) \_\_\_\_\_, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.

7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

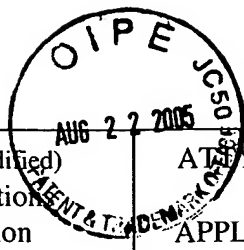
If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5760-18900/BNK.

Respectfully submitted,



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Date: 8-12-05

**Form PTO-1449** (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DKT. NO. 5760-18900

APPLICANT: Ranade, et al.

FILING DATE: December 31, 2003

SERIAL NO. 10/749,267

GROUP: 2141

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	B1	5,689,706	November 18, 1997	Rao, et al.			
	B2	6,782,389	August 24, 2004	Chrin, et al.			
	B3	6,173,293	January 9, 2001	Thekkath, et al.			
	B4	6,839,769	January 4, 2005	Needham, et al.			
	B5	6,625,604	September 23, 2003	Muntz, et al.			
	B6	5,832,512	November 3, 1998	Mastors, et al.			
	B7	6,748,381	June 8, 2004	Chao, et al.			
	B8	6,839,769	January 4, 2005	Needham, et al.			
	B9	2002/0114341	August 22, 2002	Andrew Sutherland			
	B10	2002/0147815	October 10, 2002	Alexander Tormasov			
	B12	2002/0065919	May 30, 2002	Ian Taylor			

**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DKT. NO. 5760-18900  APPLICANT: Ranade, et al.  FILING DATE: December 31, 2003			SERIAL NO. 10/749,267  GROUP: 2141		
<b>U.S. PATENT DOCUMENTS</b>								
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	B7	A. Rowstron and P. Druschel. "Pastry: Scalable, distributed object location and routing for large-scale peer-to-peer systems." In Proc. <i>IFIP/ACM Middleware 2001</i> , Heidelberg, Germany, Nov. 2001.						
	B8	Zhao, et al "Tapestry: An Infrastructure for Fault-tolerant Wide-area Location and Routing" <i>UCB Tech. Report UCB/CSD-01-1141</i> . April 2001.						
	B9	Stoica, et al "Chord: A Scalable Peer-to-peer Lookup Service for Internet Applications," <i>ACMSIGCOMM 2001</i> , San Diego, CA, August 2001, pp. 149-160.						
	B10	Manku, et al, "Symphony: Distributed Hashing in a Small World" Published in USITS, 2003.						
	B11	Kubiatowicz, et al "OceanStore: An Architecture for Global-scale Persistent Storage" <i>Proceedings of ACM ASPLOS</i> , November 2000.						
	B12	Adya, et al; "FARSITE: Federated, Available, and Reliable Storage for an Incompletely Trusted Environment"; <i>Proceedings of the 5<sup>TH</sup> OSDI</i> , December 2002.						
	B13	Garces-Erice, et al; "Hierarchical Peer-to-Peer Systems," In the Special issue of the <i>Parallel Processing Letters</i> (PPL), December 2003, Vol.13, No. 4.						
	B14	"Lustre Whitepaper Version 1.0" Cluster File Systems, Inc., Nov. 11, 2002.						
	B15	"Sun StorEdge™ QFS and SAM-FS Software Technical Overview," Sun Microsystems, March 2004						
	B16	"Large Scale Peer-to-Peer Experiments with Virtual Private Community (VPC) Framework," Iwao, et al., CIA 2002, LNAI 2446, pp. 66-81, 2002.						
	B17	"BestPeer: A Self-Configurable Peer-to-Peer System," Ng, et al, Department of Computer Science, National University of Singapore, pp. 1-21.						

EXAMINER:

DATE CONSIDERED:

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